843 Response to Request for Quotation

Functional Group ID=RR

Introduction:

This standard provides the format and establishes the data contents of a response to request for quotation transaction set.The response to request for quotation transaction set provides potential buyers with price, delivery schedule, and other terms from potential sellers of goods and services, in response to a request for such information.

Notes:

This transaction set table represents the specifications for DOD system APADE and not the X12 2003 standard.

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BQR	Beginning Segment for Response to Request for Quotation	M	1		
Not Used	030	NTE	Note/Special Instruction	F	100		
	040	CUR	Currency	O	1		
	050	REF	Reference Numbers	O	12		
Not Used	060	PER	Administrative Communications Contact	O	3		
Not Used	070	TAX	Tax Reference	O	3		
Not Used	080	FOB	F.O.B. Related Instructions	O	1		
Not Used	090	CTP	Pricing Information	O	25		
Not Used	100	SSS	Special Services	O	25		
Not Used	110	CSH	Header Sale Condition	O	1		
Not Used	120	ITA	Allowance, Charge or Service	O	10		
	130	ITD	Terms of Sale/Deferred Terms of Sale	O	2		
Not Used	140	DIS	Discount Detail	O	20		
	150	DTM	Date/Time Reference	O	10		
Not Used	160	LDT	Lead Time	O	12		
Not Used	170	SHH	General Schedule	O	5		
Not Used	180	PRN	Product ID Numbers	O	5		
Not Used	190	PID	Product/Item Description	O	200		
Not Used	200	MEA	Measurements	O	40		
Not Used	210	PWK	Paperwork	O	25		
Not Used	220	PKG	Marking, Packaging, Loading	O	25		
Not Used	230	TD1	Carrier Details (Quantity and Weight)	O	2		
Not Used	240	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12		
Not Used	250	TD3	Carrier Details (Equipment)	O	12		
Not Used	260	TD4	Carrier Details (Special Handling, or	O	5		

			Hazardous Materials, or Both)			
Not Used	270	MAN	Marks and Numbers	O	10	
			LOOP ID - N9			1000
	280	N9	Reference Number	O	1	
	290	MSG	Message Text	O	1000	
			LOOP ID - N1			200
	300	N1	Name	O	1	
	310	N2	Additional Name Information	O	2	
	320	N3	Address Information	O	2	
	330	N4	Geographic Location	O	1	
Not Used	340	REF	Reference Numbers	O	12	
	350	PER	Administrative Communications Contact	O	3	
Not Used	360	FOB	F.O.B. Related Instructions	O	1	
Not Used	370	TD1	Carrier Details (Quantity and Weight)	O	2	
Not Used	380	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	390	TD3	Carrier Details (Equipment)	O	12	
Not Used	400	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5	
Not Used	410	PKG	Marking, Packaging, Loading	O	25	
			LOOP ID - PO1			100000
Must Use	420	PO1	Purchase Order Baseline Item Data	M	1	
Not Used	430	CUR	Currency	O	1	
	440	PO3	Additional Item Detail	O	25	
	450	CTP	Pricing Information	O	25	
	460	PID	Product/Item Description	O	1000	
Not Used	470	MEA	Measurements	O	40	
Not Used	480	PWK	Paperwork	O	25	
Not Used	490	PKG	Marking, Packaging, Loading	O	25	
Not Used	500	PO4	Item Physical Details	O	1	
Not Used	510	REF	Reference Numbers	O	12	
Not Used	520	PER	Administrative Communications Contact	O	3	
Not Used	530	SSS	Special Services	O	25	
Not Used	540	ITA	Allowance, Charge or Service	O	10	
Not Used	550	IT8	Conditions of Sale	O	1	
Not Used	560	ITD	Terms of Sale/Deferred Terms of Sale	O	2	
Not Used	570	DIS	Discount Detail	O	20	
Not Used	580	TAX	Tax Reference	O	3	
	590	FOB	F.O.B. Related Instructions	O	1	
Not Used	600	SDQ	Destination Quantity	O	50	
	610	DTM	Date/Time Reference	O	10	
Not Used	620	LDT	Lead Time	O	12	
Not Used	630	SCH	Line Item Schedule	O	104	
Not Used	640	TD1	Carrier Details (Quantity and Weight)	O	1	
	650	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12	
Not Used	660	TD3	Carrier Details (Equipment)	O	12	
Not Used	670	TD4	Carrier Details (Special Handling, or	O	5	

			Hazardous Materials, or Both)		
Not Used	680	MAN	Marks and Numbers	O	10

			LOOP ID - CST		100
Not Used	690	CST	Cost Analysis	O	1
Not Used	700	PID	Product/Item Description	O	1
Not Used	710	CUR	Currency	O	1
Not Used	720	DTM	Date/Time/Period	O	2

			LOOP ID - SLN		1000
Not Used	730	SLN	Subline Item Detail	O	1
Not Used	740	PID	Product/Item Description	O	1000

			LOOP ID - CST		100
Not Used	750	CST	Cost Analysis	O	1
Not Used	760	PID	Product/Item Description	O	1
Not Used	770	CUR	Currency	O	1
Not Used	780	DTM	Date/Time/Period	O	2

			LOOP ID - N9		1000
	790	N9	Reference Number	O	1
	800	MSG	Message Text	O	1000

			LOOP ID - N1		200
Not Used	810	N1	Name	O	1
Not Used	820	N2	Additional Name Information	O	2
Not Used	830	N3	Address Information	O	2
Not Used	840	N4	Geographic Location	O	1
Not Used	850	REF	Reference Numbers	O	12
Not Used	860	PER	Administrative Communications Contact	O	3
Not Used	870	FOB	F.O.B. Related Instructions	O	1
Not Used	880	TD1	Carrier Details (Quantity and Weight)	O	2
Not Used	890	TD5	Carrier Details (Routing Sequence/Transit Time)	O	12
Not Used	900	TD3	Carrier Details (Equipment)	O	12
Not Used	910	TD4	Carrier Details (Special Handling, or Hazardous Materials, or Both)	O	5
Not Used	920	PKG	Marking, Packaging, Loading	O	25
Must Use	930	CTT	Transaction Totals	M	1
Must Use	940	SE	Transaction Set Trailer	M	1

Segment: **ST** **Transaction Set Header**

Position:	010
Loop:	
Level:	
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the start of a transaction set and to assign a control number
Syntax Notes:	
Semantic Notes:	
Comments:	**1** The transaction set identifier (ST01) is intended for use by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the invoice transaction set).

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**ST01**	**143**	**Transaction Set Identifier Code**	**M ID 3/3**
			Code uniquely identifying a Transaction Set	
			843 X12.8 Response to Request for Quotation	
Must Use	**ST02**	**329**	**Transaction Set Control Number**	**M AN 4/9**
			Identifying control number assigned by the originator for a Transaction Set. Also see: Data Interchange Control Number (28.)	

Segment:		**BQR**	Beginning Segment for Response to Request for Quotation		

Position: 020
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of a Response to Request for Quote Transaction Set and transmit identifying numbers and dates
Syntax Notes: 1 If BQR05 is present, then BQR04 is required.
Semantic Notes:
Comments:

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	BQR01	353	Transaction Set Purpose Code	M	ID 2/2

Code identifying purpose of transaction set

00	Original

Entered when the solicitation response is an original.

Must Use	BQR02	586	Request for Quote Reference Number	M	AN 1/45

Number assigned by the purchaser to identify his request for quote

Solicitation PIIN Number

Must Use	BQR03	652	Request Quotation Control Date	M	DT 6/6

Date to be used for reference purposes in an RFQ and a response to RFQ.

Solicitation Issue Date

	BQR04	374	Date/Time Qualifier	C	ID 3/3

Code specifying type of date or time, or both date and time

007	Effective

Describes what date is in BQR05.

	BQR05	373	Date	O	DT 6/6

Date (YYMMDD)

Date Quote is effective, this date is not loaded in any APADE response file.

	BQR06	587	Acknowledgment Type	O	ID 2/2

Code specifying the type of acknowledgment

Type of Quote or Reason Not Quoted.

AC	Acknowledge - With Detail and Change
AD	Acknowledge - With Detail, No Change

AC, AD, AE, AH and AK indicate a valid response; response code "A".

AE	Acknowledge - With Exception Detail Only
AH	Acknowledge - Hold Status
AK	Acknowledge - No Detail or Change
DQ	Decline to Quote

DQ and UQ indicate no quote; response code "B".

UQ	Unable to Quote
ZZ	Mutually Defined

ZZ is mutually agreed to mean: Remove vendor from BML for the Commodity listed; response code "R".

Segment:	**CUR** Currency
Position:	040
Loop:	
Level:	
Usage:	Optional
Max Use:	1
Purpose:	To specify the currency (dollars, pounds, francs, etc.) used in a transaction
Syntax Notes:	1 If CUR08 is present, then CUR07 is required.
	2 If CUR09 is present, then CUR07 is required.
	3 If CUR11 is present, then CUR10 is required.
	4 If CUR12 is present, then CUR10 is required.
	5 If CUR14 is present, then CUR13 is required.
	6 If CUR15 is present, then CUR13 is required.
	7 If CUR17 is present, then CUR16 is required.
	8 If CUR18 is present, then CUR16 is required.
	9 If CUR20 is present, then CUR19 is required.
	10 If CUR21 is present, then CUR19 is required.
Semantic Notes:	
Comments:	1 Monetary values are assumed to be expressed in the currency of the country of the transaction originator unless the optional CUR segment is used to specify a different currency. The CUR segment also permits the transaction originator to indicate a specific exchange rate, foreign exchange location and date/time as the basis for a currency conversion. Example 1. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the heading area of a transaction, would indicate that all monetary values appearing in the transaction are expressed in Canadian Dollars (CAD). (In this example the exchange rate is at the discretion of the receiver). CUR*BY*CAD* N/L Example 2. Assuming the currency of the transaction originator is U.S. dollars, the following CUR segment, when used in the detail area of a transaction, describes a currency conversion for that particular item from U.S. dollars to Canadian dollars. It also indicates that a specific exchange rate, at a specified foreign exchange location on a given date/time be used as the basis for the currency conversion. Notes below the diagram describe the meaning of the element values. CUR*BY*USD*1.20*SE*CAD*NY*007*840821*1400 N/L 1 2 3 4 1. Identifies the buyer's (BY) currency as U.S. dollars (USD). 2. The multiplier (1.20) is the exchange rate factor for the conversion. 3. Identifies the seller's (SE) currency as Canadian dollars (CAD). 4. Indicates the basis for the exchange rate as the New York Foreign Exchange (NY) and the effective date/time (007) as August 21, 1984 (840821) at 2:00 P.M. (1400). The value for this item is to be converted to Canadian dollars (CAD) at the exchange rate of 1.20, based on the New York Foreign Exchange (NY) at 2:00 P.M. (1400) on August 21, 1984. The actual unit price conversion for the item would be: The unit price value 7.50 (U.S. dollars) multiplied by the exchange rate (1.20) equals 9.00 Canadian dollars (7.50 X 1.20 = 9.00) CUR07 through CUR21 provide for five (5) dates/times relating to the currency conversion, i.e., effective date, expiration date, etc.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	CUR01	98	**Entity Identifier Code**	**M**	**ID 2/2**

Code identifying an organizational entity or a physical location.

	BY		Buying Party (Purchaser)

Identifies the activity that is specifying the currency exchange rate or the transaction originator.

	Ref. Des.	Data Element	Name		Attributes
Must Use	CUR02	100	**Currency Code**	**M**	**ID 3/3**

Code (Standard ISO) for country in whose currency the charges are specified

Specifies the country currency code.

	CUR03	280	**Exchange Rate**	**O**	**R 4/6**

Value to be used as a multiplier conversion factor to convert monetary value from one currency to another

Rate of exchange

	CUR04	98	**Entity Identifier Code**	**O**	**ID 2/2**

Code identifying an organizational entity or a physical location.

Identifies the activity to which the exchange data is being sent.

Refer to 002003 Data Element Dictionary for acceptable code values.

	CUR05	100	**Currency Code**	**O**	**ID 3/3**

Code (Standard ISO) for country in whose currency the charges are specified

Specifies the country currency code of the receiver.

Not Used	CUR06	669	**Currency Market/Exchange Code**	**O**	**ID 3/3**

Code identifying the market upon which the currency exchange rate is based

Not Used	CUR07	374	**Date/Time Qualifier**	**C**	**ID 3/3**

Code specifying type of date or time, or both date and time

Not Used	CUR08	373	**Date**	**O**	**DT 6/6**

Date (YYMMDD)

Not Used	CUR09	337	**Time**	**O**	**TM 4/4**

Time expressed in 24-hour clock time (HHMM) (Time range: 0000 though 2359).

Not Used	CUR10	374	**Date/Time Qualifier**	**C**	**ID 3/3**

Code specifying type of date or time, or both date and time

Not Used	CUR11	373	**Date**	**O**	**DT 6/6**

Date (YYMMDD)

Not Used	CUR12	337	**Time**	**O**	**TM 4/4**

Time expressed in 24-hour clock time (HHMM) (Time range: 0000 though 2359).

Not Used	CUR13	374	**Date/Time Qualifier**	**C**	**ID 3/3**

Code specifying type of date or time, or both date and time

Not Used	CUR14	373	**Date**	**O**	**DT 6/6**

Date (YYMMDD)

Not Used	CUR15	337	**Time**	**O**	**TM 4/4**

Time expressed in 24-hour clock time (HHMM) (Time range: 0000 though 2359).

Not Used	CUR16	374	**Date/Time Qualifier**	**C**	**ID 3/3**

Code specifying type of date or time, or both date and time

Not Used	CUR17	373	**Date**	**O**	**DT 6/6**

Date (YYMMDD)

Not Used	CUR18	337	**Time**	**O**	**TM 4/4**

Time expressed in 24-hour clock time (HHMM) (Time range: 0000 though 2359).

Not Used	CUR19	374	**Date/Time Qualifier**	**C**	**ID 3/3**

Code specifying type of date or time, or both date and time

Not Used	CUR20	373	**Date**	**O**	**DT 6/6**

Date (YYMMDD)

Not Used	CUR21	337	**Time**	**O**	**TM 4/4**

Time expressed in 24-hour clock time (HHMM) (Time range: 0000 though 2359).

Segment: **REF** Reference Numbers

Position:	050
Loop:	
Level:	
Usage:	Optional
Max Use:	12
Purpose:	To specify identifying numbers.
Syntax Notes:	1 At least one of REF02 or REF03 is required.
Semantic Notes:	
Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**REF01**	**128**	**Reference Number Qualifier**	**M**	**ID 2/2**

Code qualifying the Reference Number.

   RQ   Purchase Requisition No.

Indicates the number in REF02 is the PR NR of the Solicitation.

	REF02	**127**	**Reference Number**	**C**	**AN 1/30**

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. Also see Reference Number Qualifier, (128).

Purchase Request Number

Not Used	**REF03**	**352**	**Description**	**C**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Segment:	**ITD** Terms of Sale/Deferred Terms of Sale	
Position:	130	
Loop:		
Level:		
Usage:	Optional	
Max Use:	2	
Purpose:	To specify terms of sale	
Syntax Notes:	1	If ITD03 is present, then at least one of ITD04 ITD05 or ITD13 is required.
	2	If ITD08 is present, then at least one of ITD04 or ITD05 is required.
	3	If ITD09 is present, then ITD10 is required.
Semantic Notes:		
Comments:	1	If ITD01 equals 04 - ITD10 is required and either ITD11 or ITD12 is required. If ITD01 equals 05 - ITD06 or ITD07 is required. If ITD01 does not equal 04 or 05 - ITD03 or ITD08 is required.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
	ITD01	336	**Terms Type Code**	O	**ID 2/2**
			Code identifying type of payment terms		
			Always 08		
			08 Basic Discount Offered		
Must Use	ITD02	333	**Terms Basis Date Code**	M	**ID 1/2**
			Code identifying the beginning of the terms period		
			5 Invoice Receipt Date		
			Indicates the discount is based on the number of days after date of receipt of the invoice.		
	ITD03	338	**Terms Discount Percent**	C	**R 1/6**
			Terms discount percentage, expressed as a percent, available to the purchaser if an invoice is paid on or before the Terms Discount Due Date		
			Actual Percentage		
Not Used	ITD04	370	**Terms Discount Due Date**	C	**DT 6/6**
			Date payment is due if discount is to be earned		
	ITD05	351	**Terms Discount Days Due**	C	**N0 1/3**
			Number of days in the terms discount period by which payment is due if terms discount is earned		
			Discount Days		
Not Used	ITD06	446	**Terms Net Due Date**	C	**DT 6/6**
			Date when total invoice amount becomes due		
	ITD07	386	**Terms Net Days**	C	**N0 1/3**
			Number of days until total invoice amount is due (discount not applicable)		
			Number of days		

Not Used	ITD08	362	**Terms Discount Amount**	**C**	**N2 1/10**

Total amount of terms discount

Not Used	ITD09	388	**Terms Deferred Due Date**	**O**	**DT 6/6**

Date deferred payment or percent of invoice payable is due. Also see: Percent of Invoice Payable (342).

Not Used	ITD10	389	**Deferred Amount Due**	**C**	**N2 1/10**

Deferred amount due for payment

Not Used	ITD11	342	**Percent of Invoice Payable**	**C**	**R 1/5**

Amount of Invoice Payable expressed in percent. (re: Deferred Terms.) Also see: Terms Type Code (336.)

	ITD12	352	**Description**	**C**	**AN 1/80**

A free-form description to clarify the related data elements and their content

Discount Terms (text)

Not Used	ITD13	765	**Day of Month**	**C**	**N0 1/2**

The numeric value of the day of the month between 1 and the maximum day of the month being referenced

Segment:	**DTM** Date/Time Reference		
Position:	150		
Loop:			
Level:			
Usage:	Optional		
Max Use:	10		
Purpose:	To specify pertinent dates and times		
Syntax Notes:	1 At least one of DTM02 or DTM03 is required.		
Semantic Notes:			
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	**DTM01**	**374**	**Date/Time Qualifier**	**M**	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			073 Scheduled for Delivery (Prior to and Including)		
			Indicates what date is in DTM02.		
	DTM02	**373**	**Date**	**C**	**DT 6/6**
			Date (YYMMDD)		
			This date is loaded in response files only if the code DTM02 is 073. If the code in DTM02 is 073 then it is loaded as the delivery date for each CLIN.		
Not Used	**DTM03**	**337**	**Time**	**C**	**TM 4/4**
			Time expressed in 24-hour clock time (HHMM) (Time range: 0000 though 2359).		
Not Used	**DTM04**	**623**	**Time Code**	**O**	**ID 2/2**
			Code qualifying the time zone.		

Segment:	**N9** Reference Number		
Position:	280		
Loop:	N9 Optional		
Level:			
Usage:	Optional		
Max Use:	1		
Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier		
Syntax Notes:	1 At least one of N902 or N903 is required.		
Semantic Notes:			
Comments:			

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N901	128	**Reference Number Qualifier**	M	ID 2/2

Code qualifying the Reference Number.

    ZZ   Mutually Defined

ZZ will be defined as Abstract Remarks.

Not Used	N902	127	**Reference Number**	C	AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. Also see Reference Number Qualifier, (128).

	N903	369	**Free-form Description**	C	AN 1/45

Free-form descriptive text

Must contain "ABSTRACT REMARKS". The actual text will be in the following MSG segment.

Not Used	N904	373	**Date**	O	DT 6/6

Date (YYMMDD)

Not Used	N905	337	**Time**	O	TM 4/4

Time expressed in 24-hour clock time (HHMM) (Time range: 0000 though 2359).

Segment:	**MSG** Message Text	
Position:	290	
Loop:	N9	Optional
Level:		
Usage:	Optional	
Max Use:	1000	
Purpose:	To provide a free form format that would allow the transmission of text information.	
Syntax Notes:		
Semantic Notes:		
Comments:	1	MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	MSG01	933	**Free-Form Message Text**	**M**	**AN 1/264**
			Free-form message text		
			Abstract Remarks text		
Not Used	MSG02	934	**Printer Carriage Control Code**	**O**	**ID 2/2**
			A field to be used for the control of the line feed of the receiving printer		
Not Used	MSG03	363	**Note Reference Code**	**O**	**ID 3/3**
			Code identifying the functional area or purpose for which the note applies. Also see: Free Form Message (3).		

Segment:	**N1** Name	
Position:	300	
Loop:	N1 Optional	
Level:		
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
Comments:	1	This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N101	98	**Entity Identifier Code**	**M**	**ID 2/2**

Code identifying an organizational entity or a physical location.

SE	Selling Party	
	Indicates the supplier	

	Ref. Des.	Data Element	Name	Attributes	
	N102	93	**Name**	**C**	**AN 1/35**

Free-form name

Line 1 of Supplier Name

	Ref. Des.	Data Element	Name	Attributes	
	N103	66	**Identification Code Qualifier**	**C**	**ID 1/2**

Code designating the system/method of code structure used for Identification Code (67)

Defines what code is in N104

1	Dun and Bradstreet (Credit Reporting) (DUNS)	
10	Department of Defense Activity Address Code (DODAAC)	
	If N103 is "10" then the transaction is printed on the EDI 843 response error report.	
92	Assigned by Buyer	

	Ref. Des.	Data Element	Name	Attributes	
	N104	67	**Identification Code**	**C**	**ID 2/17**

Code identifying a party.

Code Identified in N103.

Segment:	**N2** Additional Name Information	
Position:	310	
Loop:	N1 Optional	
Level:		
Usage:	Optional	
Max Use:	2	
Purpose:	To specify additional names or those longer than 35 characters in length	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	N201	93	Name	M AN 1/35
			Free-form name	
			Line 2 of Supplier Name	
Not Used	N202	93	Name	O AN 1/35
			Free-form name	

Segment:	**N3** Address Information	
Position:	320	
Loop:	N1	Optional
Level:		
Usage:	Optional	
Max Use:	2	
Purpose:	To specify the location of the named party	
Syntax Notes:		
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	N301	166	**Address Information**	M	AN 1/35
			Free-form field for address information.		
			Line 1 of Address		
	N302	166	**Address Information**	O	AN 1/35
			Free-form field for address information.		
			Line 2 of Address		

Segment:	**N4** Geographic Location	
Position:	330	
Loop:	N1 Optional	
Level:		
Usage:	Optional	
Max Use:	1	
Purpose:	To specify the geographic place of the named party	
Syntax Notes:	1	At least one of N401 or N405 is required.
	2	If N401 is present, then N402 is required.
	3	If either N405 or N406 is present, then the other is required.
Semantic Notes:		
Comments:	1	A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
	2	N402 is required only if city name (N401) is in the USA or Canada.

Data Element Summary

Ref. Des.	Data Element	Name		Attributes
N401	**19**	**City Name**	**C**	**AN 2/19**
		Free-form text for city name		
N402	**156**	**State or Province Code**	**C**	**ID 2/2**
		Code (Standard State/Province) as defined by appropriate government agency		
N403	**116**	**Postal Code**	**O**	**ID 5/9**
		Code defining international postal zone code excluding punctuation and blanks (zip code for United States)		
N404	**26**	**Country Code**	**O**	**ID 2/2**
		Code identifying the country		
Not Used	**N405**	**309**	**Location Qualifier**	**C**	**ID 1/2**
		Code identifying type of Location Identifier (310) used.		
Not Used	**N406**	**310**	**Location Identifier**	**C**	**AN 1/25**
		Code which identifies a specific location		

Segment:	**PER** Administrative Communications Contact	
Position:	350	
Loop:	N1 Optional	
Level:		
Usage:	Optional	
Max Use:	3	
Purpose:	To identify a person or office to whom administrative communications should be directed	
Syntax Notes:	1 If PER03 is present, then PER04 is required.	
Semantic Notes:		
Comments:	1 This segment is used to specify who is to be contacted on various conditions related to the transaction. The term "Communication" in the title and purpose relates to interpersonal communications, not network or telecommunications contacts.	
Notes:	*If there is an "SE" in the N101, a PER is required.*	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PER01	366	**Contact Function Code**	**M**	**ID 2/2**

Code identifying the major duty or responsibility of the person or group named

SU	Supplier Contact	

Indicates the Name in PER02 is the contact for the supplier.

	Ref. Des.	Data Element	Name	Attributes	
	PER02	93	**Name**	**O**	**AN 1/35**

Free-form name

Name in free text format

	Ref. Des.	Data Element	Name	Attributes	
	PER03	365	**Communication Number Qualifier**	**O**	**ID 2/2**

Code identifying the type of communication number

Defines what number is in PER04.

FX	Facsimile	
TE	Telephone	

	Ref. Des.	Data Element	Name	Attributes	
	PER04	364	**Communication Number**	**C**	**AN 7/21**

Complete communications number including country or area code when applicable. Also see: Communications Number Qualifier (365).

Number referred to in PER03.

	Ref. Des.	Data Element	Name	Attributes	
Not Used	PER05	326	**Request Reference Number**	**O**	**AN 1/45**

Reference number or RFQ number to use to identify a particular transaction set and query (additional reference number or description which can be used with contract number)

Segment:	**PO1** Purchase Order Baseline Item Data	
Position:	420	
Loop:	PO1 Mandatory	
Level:		
Usage:	Mandatory	
Max Use:	1	
Purpose:	To specify basic and most frequently used purchase order line item data	
Syntax Notes:	1 If PO105 is present, then PO104 is required.	
	2 If PO106 is present, then PO107 is required.	
	3 If PO108 is present, then PO109 is required.	
	4 If PO110 is present, then PO111 is required.	
	5 If PO112 is present, then PO113 is required.	
	6 If PO114 is present, then PO115 is required.	
	7 If PO116 is present, then PO117 is required.	
	8 If PO118 is present, then PO119 is required.	
	9 If PO120 is present, then PO121 is required.	
	10 If PO122 is present, then PO123 is required.	
	11 If PO124 is present, then PO125 is required.	
Semantic Notes:		
Comments:	1 See the Data Dictionary for a complete list of ID's.	
	2 PO101 is the line item identification.	
	3 PO106 through PO125 provide for ten (10) different product/service ID's per each item. For example: Case, Color, Drawing No., UPC No., ISBN No., Model No., SKU.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
	PO101	**350**	**Assigned Identification**	**O AN 1/6**
			Alphanumeric characters assigned for differentiation within a transaction set	
			CLIN or SUBCLIN Number	
Must Use	**PO102**	**330**	**Quantity Ordered**	**M R 1/9**
			Quantity ordered	
Must Use	**PO103**	**355**	**Unit or Basis for Measurement Code**	**M ID 2/2**
			Code identifying the basic unit of measurement.	
			The Unit of Measurement Code is converted to an APADE value in the U/I file; if no match is found, the data is printed out on the additional information report, advising the buyer of the data received and entered in the response records.	
			Refer to 002003 Data Element Dictionary for acceptable code values.	
	PO104	**212**	**Unit Price**	**C R 1/14**
			Price per unit of product, service, commodity, etc.	
	PO105	**639**	**Basis of Unit Price Code**	**O ID 2/2**

Code identifying the type of unit price for an item

CP	Current Price (Subject to Change)

Cost Price Code - PRC - Priced

ES	Estimated

Cost Price Code - EST- Estimated

NC	No Charge

Cost Price Code - NCH - No Charge

NE	Not to Exceed

Cost Price Code - NTE - Not To Exceed

TB	To be negotiated.

Cost Price Code - TBN - To Be Negotiated

PO106   235   **Product/Service ID Qualifier**   **O   ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CG	Commodity Grouping
CL	Color
FS	Federal Stock Classification and/or National Stock Number
MG	Manufacturer's Part Number
PD	Part Number Description
SN	Serial Number
VP	Vendor's (Seller's) Part Number

PO107   234   **Product/Service ID**   **C   AN 1/30**

Identifying number for a product or service

Enter data that corresponds to code entered in PO106.

PO108   235   **Product/Service ID Qualifier**   **O   ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

CG	Commodity Grouping
CL	Color
FS	Federal Stock Classification and/or National Stock Number
MG	Manufacturer's Part Number
PD	Part Number Description
SN	Serial Number
VP	Vendor's (Seller's) Part Number

PO109   234   **Product/Service ID**   **C   AN 1/30**

Identifying number for a product or service

PO110   235   **Product/Service ID Qualifier**   **O   ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

		CG	Commodity Grouping		
		CL	Color		
		FS	Federal Stock Classification and/or National Stock Number		
		MG	Manufacturer's Part Number		
		PD	Part Number Description		
		SN	Serial Number		
		VP	Vendor's (Seller's) Part Number		

PO111	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

PO112	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

		CG	Commodity Grouping
		CL	Color
		FS	Federal Stock Classification and/or National Stock Number
		MG	Manufacturer's Part Number
		PD	Part Number Description
		SN	Serial Number
		VP	Vendor's (Seller's) Part Number

PO113	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

PO114	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

		CG	Commodity Grouping
		CL	Color
		FS	Federal Stock Classification and/or National Stock Number
		MG	Manufacturer's Part Number
		PD	Part Number Description
		SN	Serial Number
		VP	Vendor's (Seller's) Part Number

PO115	**234**	**Product/Service ID**	**C**	**AN 1/30**

Identifying number for a product or service

PO116	**235**	**Product/Service ID Qualifier**	**O**	**ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

		CG	Commodity Grouping
		CL	Color
		FS	Federal Stock Classification and/or National Stock

			Number		
		MG	Manufacturer's Part Number		
		PD	Part Number Description		
		SN	Serial Number		
		VP	Vendor's (Seller's) Part Number		

PO117   **234**   **Product/Service ID**   **C**   **AN 1/30**

Identifying number for a product or service

PO118   **235**   **Product/Service ID Qualifier**   **O**   **ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

	CG	Commodity Grouping
	CL	Color
	FS	Federal Stock Classification and/or National Stock Number
	MG	Manufacturer's Part Number
	PD	Part Number Description
	SN	Serial Number
	VP	Vendor's (Seller's) Part Number

PO119   **234**   **Product/Service ID**   **C**   **AN 1/30**

Identifying number for a product or service

PO120   **235**   **Product/Service ID Qualifier**   **O**   **ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

	CG	Commodity Grouping
	CL	Color
	FS	Federal Stock Classification and/or National Stock Number
	MG	Manufacturer's Part Number
	PD	Part Number Description
	SN	Serial Number
	VP	Vendor's (Seller's) Part Number

PO121   **234**   **Product/Service ID**   **C**   **AN 1/30**

Identifying number for a product or service

PO122   **235**   **Product/Service ID Qualifier**   **O**   **ID 2/2**

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

	CG	Commodity Grouping
	CL	Color
	FS	Federal Stock Classification and/or National Stock Number
	MG	Manufacturer's Part Number
	PD	Part Number Description

		SN	Serial Number		
		VP	Vendor's (Seller's) Part Number		
PO123	**234**	**Product/Service ID**		**C**	**AN 1/30**

Identifying number for a product or service

| **PO124** | **235** | **Product/Service ID Qualifier** | | **O** | **ID 2/2** |

Code identifying the type/source of the descriptive number used in Product/Service ID (234)

		CG	Commodity Grouping		
		CL	Color		
		FS	Federal Stock Classification and/or National Stock Number		
		MG	Manufacturer's Part Number		
		PD	Part Number Description		
		SN	Serial Number		
		VP	Vendor's (Seller's) Part Number		
PO125	**234**	**Product/Service ID**		**C**	**AN 1/30**

Identifying number for a product or service

Segment:	**PO3** Additional Item Detail	
Position:	440	
Loop:	PO1	Mandatory
Level:		
Usage:	Optional	
Max Use:	25	
Purpose:	To specify additional item-related data involving variations in normal price/quantity structure	
Syntax Notes:	1 If PO304 is present, then at least one of PO303 or PO305 is required.	
Semantic Notes:		
Comments:	1 Some examples of price/quantity variations are: price in different units from the PO1 segment, price changes by date, or price changes by quantity (break and level).	
	2 PO307 defines the unit of measure for PO306.	
Notes:	*This segment is used to provide Stepladder Quantities.*	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	PO301	371	**Change Reason Code**	M	ID 2/2
			Code specifying the reason for price or quantity change		
			QT Quantity Price Break		
			Stepladder Pricing		
Not Used	PO302	373	**Date**	O	DT 6/6
			Date (YYMMDD)		
	PO303	236	**Price Qualifier**	C	ID 3/3
			Code identifying pricing specification		
			PBQ Unit Price Beginning Quantity		
	PO304	212	**Unit Price**	O	R 1/14
			Price per unit of product, service, commodity, etc.		
Not Used	PO305	639	**Basis of Unit Price Code**	C	ID 2/2
			Code identifying the type of unit price for an item		
Must Use	PO306	380	**Quantity**	M	R 1/10
			Numeric value of Quantity. Also see: Unit of Measurement Code (355).		
			Beginning Qty of range.		
Must Use	PO307	355	**Unit or Basis for Measurement Code**	M	ID 2/2
			Code identifying the basic unit of measurement.		
			The Unit of Measurement Code is converted to an APADE value in the U/I file; if no match is found, the data is printed out on the additional information report, advising the buyer of the data received and entered in the response records.		
			Refer to 002003 Data Element Dictionary for acceptable code values.		
Not Used	PO308	352	**Description**	O	AN 1/80

A free-form description to clarify the related data elements and their content

Segment:	**CTP** Pricing Information	
Position:	450	
Loop:	PO1	Mandatory
Level:		
Usage:	Optional	
Max Use:	25	
Purpose:	To specify pricing information	

Syntax Notes:
1 If CTP02 is present, then CTP03 is required.
2 If CTP04 is present, then CTP05 is required.
3 If CTP06 is present, then CTP07 is required.

Semantic Notes:

Comments:
1 Example of use of CTP03 and CTP04. PRICE   QUANTITY RANGE 1.00   0 to 999 0.75   1000 to 4999 0.50   5000 to 9999 0.25   10000 and above CTP03   CTP04 1.00   0 0.75   1000 0.50   5000 0.25   10000

2 Example of use of CTP03, CTP04 and CTP07. CTP03   CTP04   CTP07 1.00   0   0.90 0.75   1000   0.90 0.50   5000   0.90 0.25   10000   0.90

3 CTP07 is a multiplier factor to arrive at a final discounted price. A multiplier of 90 would be the factor if a 10% discount is given.

Data Element Summary

Ref. Des.	Data Element	Name	Attributes	
CTP01	687	**Class of Trade Code**	O	**ID 2/2**

Code indicating class of trade

DI	Distributor
MF	Manufacturer
OE	OEM
WH	Wholesaler

Ref. Des.	Data Element	Name	Attributes	
CTP02	236	**Price Qualifier**	O	**ID 3/3**

Code identifying pricing specification

QTE	Quote Price

Ref. Des.	Data Element	Name	Attributes	
CTP03	212	**Unit Price**	C	**R 1/14**

Price per unit of product, service, commodity, etc.

Offered unit price.

Ref. Des.	Data Element	Name	Attributes	
CTP04	380	**Quantity**	O	**R 1/10**

Numeric value of Quantity. Also see: Unit of Measurement Code (355).

Offered quantity.

Ref. Des.	Data Element	Name	Attributes	
CTP05	355	**Unit or Basis for Measurement Code**	C	**ID 2/2**

Code identifying the basic unit of measurement.

The Unit of Measurement Code is converted to an APADE value in the U/I file; if no match is found, the data is printed out on the additional information report, advising the buyer of the data received and entered in the response records.

Refer to 002003 Data Element Dictionary for acceptable code values.

Not Used **CTP06** **648** **Price Multiplier Qualifier** **O** **ID 3/3**

Code indicating the type of price multiplier

Not Used **CTP07** **649** **Multiplier** **C** **R 1/10**

Value, identified by price multiplier qualifier, to be used to multiply price to obtain a new value.

Segment:	**PID** Product/Item Description		
Position:	460		
Loop:	PO1	Mandatory	
Level:			
Usage:	Optional		
Max Use:	1000		
Purpose:	To describe a product or process in coded or free-form format		
Syntax Notes:	1	If PID03 is present, then PID04 is required.	
	2	At least one of PID04 or PID05 is required.	
Semantic Notes:			
Comments:	1	Use PID03 to indicate the organization that publishes the code list being referred to.	
	2	PID04 should be used for industry-specific product description codes.	
	3	Use PID06 when necessary to refer to the product surface or layer being described in the segment.	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	PID01	349	**Item Description Type**	M	**ID 1/1**
			Code indicating the format of a description		
			F　　　　　　Free-form		
Not Used	PID02	750	**Product/Process Characteristic Code**	O	**ID 2/3**
			Code specifying the product or process characteristic being described.		
Not Used	PID03	348	**Item Description Qualifier**	O	**ID 2/2**
			Code identifying agency responsible for the code used.		
Not Used	PID04	751	**Product Description Code**	C	**ID 1/12**
			A code from an industry code list which provides specific data about a product characteristic. Also see: Item Description Qualifier (348).		
	PID05	352	**Description**	C	**AN 1/80**
			A free-form description to clarify the related data elements and their content		
			Add-A-CLIN Description line.		
Not Used	PID06	752	**Surface/Layer/Position Code**	O	**ID 2/2**
			Code indicating the product surface, layer or position that is being described		

	Segment:	**FOB** F.O.B. Related Instructions
	Position:	590
	Loop:	PO1 Mandatory
	Level:	
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify transportation instructions relating to shipment

	Syntax Notes:	**1**	If FOB03 is present, then FOB02 is required.
		2	If FOB04 is present, then FOB05 is required.
		3	If FOB07 is present, then FOB06 is required.

Semantic Notes:

	Comments:	**1**	FOB01 indicates which party will pay the carrier.
		2	FOB02 is the code specifying transportation responsibility location.
		3	FOB06 is the code specifying title passage location.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**FOB01**	**146**	**Shipment Method of Payment**	**M ID 2/2**

Code identifying payment terms for transportation charges

	PP	Prepaid (by Seller)

"PP" equals FOB Destination.

	ZZ	Mutually Defined

Paid by Buyer

	FOB02	**309**	**Location Qualifier**	**C ID 1/2**

Code identifying type of Location Identifier (310) used.

	DE	Destination (Shipping)
	OR	Origin (Shipping Point)
	ZZ	Mutually Defined

	FOB03	**352**	**Description**	**O AN 1/80**

A free-form description to clarify the related data elements and their content

Enter name/location of PQA responsibility and acceptance; this is not loaded in any response files.

Not Used	**FOB04**	**334**	**Transportation Terms Qualifier Code**	**O ID 2/2**

Code identifying the source of the transportation terms

Not Used	**FOB05**	**335**	**Transportation Terms Code**	**C ID 3/6**

Code identifying the trade terms which apply to the shipment transportation responsibility. Six digit codes represent INCOTERMS.

Not Used	**FOB06**	**309**	**Location Qualifier**	**C ID 1/2**

Code identifying type of Location Identifier (310) used.

Not Used	**FOB07**	**352**	**Description**	**O AN 1/80**

A free-form description to clarify the related data elements and their content

Segment:	**DTM** Date/Time Reference				
Position:	610				
Loop:	PO1	Mandatory			
Level:					
Usage:	Optional				
Max Use:	10				
Purpose:	To specify pertinent dates and times				
Syntax Notes:	1	At least one of DTM02 or DTM03 is required.			
Semantic Notes:					
Comments:					

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	DTM01	374	**Date/Time Qualifier**	M	**ID 3/3**
			Code specifying type of date or time, or both date and time		
			073 Scheduled for Delivery (Prior to and Including)		
	DTM02	373	**Date**	C	**DT 6/6**
			Date (YYMMDD)		
Not Used	DTM03	337	**Time**	C	**TM 4/4**
			Time expressed in 24-hour clock time (HHMM) (Time range: 0000 though 2359).		
Not Used	DTM04	623	**Time Code**	O	**ID 2/2**
			Code qualifying the time zone.		

Segment:	**TD5** Carrier Details (Routing Sequence/Transit Time)	
Position:	650	
Loop:	PO1	Mandatory
Level:		
Usage:	Optional	
Max Use:	12	
Purpose:	To specify the carrier and sequence of routing and provide transit time information	
Syntax Notes:	1	At least one of TD502 TD504 or TD505 is required.
	2	If TD502 is present, then TD503 is required.
	3	If TD507 is present, then TD508 is required.
	4	If TD510 is present, then TD511 is required.
Semantic Notes:		
Comments:	1	When specifying a routing sequence to be used for the shipment movement in lieu of specifying each carrier within the movement, use TD502 to identify the party responsible for defining the routing sequence, and use TD503 to identify the actual routing sequence, specified by the party identified in TD502.

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Not Used	TD501	133	**Routing Sequence Code**	O	ID 1/2
			Code describing the relationship of a carrier to a specific shipment movement		
Not Used	TD502	66	**Identification Code Qualifier**	C	ID 1/2
			Code designating the system/method of code structure used for Identification Code (67)		
Not Used	TD503	67	**Identification Code**	C	ID 2/17
			Code identifying a party.		
	TD504	91	**Transportation Method/Type Code**	C	ID 1/2
			Code specifying the method or type of transportation for the shipment		

A	Air	
	Commercial Air Freight	
AC	Air Charter	
	Military Airlift Command (MAC) Channel, Special Assignment Airlift Mission	
AE	Air Express	
	Air, Small Package Carrier	
B	Barge	
	Gov't Watercraft, Barge/Lighter	
BU	Bus	
	Bus	
C	Consolidation	

			Van			
		CE	Customer Pickup / Customer's Expense			
			Bearer, Walk-through (Customer Pickup of Material)			
		D	Parcel Post			
			Air Parcel Post			
		E	Expedited Truck			
			Surface Parcel Post			
		J	Motor			
			Motor, Truckload			
		L	Contract Carrier			
			Scheduled Truck Service			
		LT	Less Than Trailer Load (LTL)			
			Motor, Less Truckload			
		O	Containerized Ocean			
			Seavan			
		P	Pipeline			
			Pipeline			
		Q	Conventional Ocean			
			Through Gov't Bill of Lading			
		R	Rail			
			Rail, Carload			
		S	Ocean			
			Military Sealift Command			
		SR	Supplier Truck			
			Gov't Truck, Outside Local Area			
		T	Best Way (Shippers Option)			
			Local Delivery by Gov't or Commercial Truck			
		U	Private Parcel Service			
			Surface, Small Package Carrier			
		W	Inland Waterway			
			Water, River, Lake, Coastal - CML			
		X	Intermodal (Piggyback)			
			Roll On/Roll Off Service			
Not Used	TD505	387	**Routing**		C	**AN 1/35**
			Free-form description of the routing or requested routing for shipment, or the originating carrier's identity			
Not Used	TD506	368	**Shipment/Order Status Code**		O	**ID 2/2**
			Code indicating the status of an order or shipment			
Not Used	TD507	309	**Location Qualifier**		O	**ID 1/2**

Code identifying type of Location Identifier (310) used.

| **Not Used** | **TD508** | **310** | **Location Identifier** | **C** | **AN 1/25** |

Code which identifies a specific location

| **Not Used** | **TD509** | **731** | **Transit Direction Code** | **O** | **ID 2/2** |

The point of origin and point of direction

| **Not Used** | **TD510** | **732** | **Transit Time Direction Qualifier** | **O** | **ID 2/2** |

Code specifying the value of time used to measure the transit time

| **Not Used** | **TD511** | **733** | **Transit Time** | **C** | **R 1/4** |

The numeric amount of transit time

	Segment:	**N9** Reference Number
	Position:	790
	Loop:	N9 Optional
	Level:	
	Usage:	Optional
	Max Use:	1
	Purpose:	To transmit identifying numbers and descriptive information as specified by the reference number qualifier
	Syntax Notes:	**1** At least one of N902 or N903 is required.
	Semantic Notes:	
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name		Attributes
Must Use	N901	128	**Reference Number Qualifier**	M	ID 2/2

Code qualifying the Reference Number.

    ZZ   Mutually Defined

ZZ will be defined as CLIN/SUBCLIN.

	N902	127	**Reference Number**	C	AN 1/30

Reference number or identification number as defined for a particular Transaction Set, or as specified by the Reference Number Qualifier. Also see Reference Number Qualifier, (128).

CLIN or SUBCLIN Number

	N903	369	**Free-form Description**	C	AN 1/45

Free-form descriptive text

Will Contain one of these dependent upon the source of the text in the following MSG

"LEAD CLIN DESCRIPTION"
"FREE TEXT"
"ITEM DESCRIPTION"

The actual text will be in the following MSG Segment(s)

Not Used	N904	373	**Date**	O	DT 6/6

Date (YYMMDD)

Not Used	N905	337	**Time**	O	TM 4/4

Time expressed in 24-hour clock time (HHMM) (Time range: 0000 though 2359).

Segment:	**MSG** Message Text	
Position:	800	
Loop:	N9 Optional	
Level:		
Usage:	Optional	
Max Use:	1000	
Purpose:	To provide a free form format that would allow the transmission of text information.	
Syntax Notes:		
Semantic Notes:		
Comments:	1	MSG02 is not related to the specific characteristics of a printer, but identifies top of page, advance a line, etc.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	MSG01	933	**Free-Form Message Text**	M	AN 1/264
			Free-form message text		
			Textual Data Described in N9 - 256 Characters per Record		
Not Used	MSG02	934	**Printer Carriage Control Code**	O	ID 2/2
			A field to be used for the control of the line feed of the receiving printer		
Not Used	MSG03	363	**Note Reference Code**	O	ID 3/3
			Code identifying the functional area or purpose for which the note applies. Also see: Free Form Message (3).		

Segment:	**CTT** Transaction Totals	
Position:	930	
Loop:		
Level:		
Usage:	Mandatory	
Max Use:	1	
Purpose:	To transmit a hash total for a specific element in the transaction set	
Syntax Notes:	1	If CTT03 is present, then CTT04 is required.
	2	If CTT05 is present, then CTT06 is required.
Semantic Notes:		
Comments:	1	This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
Must Use	CTT01	354	**Number of Line Items**	M	N0 1/6

Total number of line items in the transaction set

Number of PO1 loops within the transaction set.

	CTT02	347	**Hash Total**	O	R 1/10

Sum of values of the specific data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the leftmost digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. ------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three digit field.

Total of all PO102 data elements (total qty of CLINs/SUBCLINs, excluding Add-a-CLIN qty)

Not Used	CTT03	81	**Weight**	O	R 1/8

Numeric value of weight. Also see: Weight Qualifier (187), Weight Unit Qualifier (188), Unit of Measurement Code (355.)

Not Used	CTT04	355	**Unit or Basis for Measurement Code**	C	ID 2/2

Code identifying the basic unit of measurement.

Not Used	CTT05	183	**Volume**	O	R 1/8

Value of volumetric measure. Also see: Volume Unit Qualifier (184), Unit of Measurement Code (355.)

Not Used	CTT06	355	**Unit or Basis for Measurement Code**	C	ID 2/2

Code identifying the basic unit of measurement.

Not Used	CTT07	352	**Description**	O	AN 1/80

A free-form description to clarify the related data elements and their content

Segment: **SE** **Transaction Set Trailer**

Position:	940
Loop:	
Level:	
Usage:	Mandatory
Max Use:	1
Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).
Syntax Notes:	
Semantic Notes:	
Comments:	**1** SE is the last segment of each transaction set.

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
Must Use	**SE01**	**96**	**Number of Included Segments**	**M** **N0 1/6**
			Total number of segments included in a transaction set including ST and SE segments	
Must Use	**SE02**	**329**	**Transaction Set Control Number**	**M** **AN 4/9**
			Identifying control number assigned by the originator for a Transaction Set. Also see: Data Interchange Control Number (28.)	